

**LEMBAR PENGESAHAN**

**LAPORAN MAGANG II  
PENGENALAN ALAT DAN PROSES PENGOLAHAN KELAPA SAWIT  
DI PT. KALIMANTAN SAWIT ABADI PKS NATAI BARU  
PANGKALAN BUN, KOTAWARINGIN BARAT, KALIMANTAN  
TENGAH**

Oleh:

Nama : Bella Bayiduri  
Nim : 20.01.040  
Program Studi : Teknologi Kimia

Telah diperiksa dan disetujui

Yogyakarta, 14 Juli 2023

Ketua Prodi DIII Teknologi Kimia

Dosen Pembimbing & Penguji



Ir.RR Kunthi Widhyasih, S.T.,M.Eng.,IPM.  
NIDN.0529098203

A handwritten signature in blue ink, appearing to read 'Ratna Sri Harjanti', is written over the signature line.

Ratna Sri Harjanti, S.T., M.Eng.  
NIDN.0020027801



**LEMBAR PENGESAHAN**

**Pengenalan Alat dan Proses Pengolahan  
Kelapa Sawit  
di PT. Kalimantan Sawit Abadi PKS Natai Baru  
Pangkalan Bun, Kotawaringin Barat,  
Kalimantan Tengah.**

**LAPORAN MAGANG II**

**JURUSAN TEKNOLOGI KIMIA POLITEKNIK LPP YOGYAKARTA**

**Oleh:**

**Nama : Bella Bayiduri**  
**Nim : 20.01.040**

**Telah diperiksa dan disetujui sebagai laporan magang II  
di PKS Natai Baru, 20 Mei 2023**

**Manager**



**Pembimbing Lapangan**



**Ibnu Alwie Malau**

Timestamp	Tanggal kegiatan :	Topik Kegiatan :	File pendukung : (foto)	File pendukung : (dokume	File pendukung : link video/link file pendukung lainnya
7/7/2023 15:28:31	2/24/2023	Kedatangan di Pabrik	<a href="https://drive.google.com/c">https://drive.google.com/c</a>	<a href="https://drive.google.com/open?id=1BqWmXUQBJ48610D4qVCWbPq14tm53e0">https://drive.google.com/open?id=1BqWmXUQBJ48610D4qVCWbPq14tm53e0</a>	
8/8/2023 14:13:21	2/25/2023	mengetahui input buah be	<a href="https://drive.google.com/c">https://drive.google.com/c</a>	<a href="https://drive.google.com/open?id=17tur0Q2xnz1e9wP7d-11x08R3J8dDuR">https://drive.google.com/open?id=17tur0Q2xnz1e9wP7d-11x08R3J8dDuR</a>	
8/8/2023 14:17:44	2/27/2023	mempelajari prinsip kerja	<a href="https://drive.google.com/c">https://drive.google.com/c</a>	<a href="https://drive.google.com/open?id=1xNMAJnXjrk8PAzCp0EE6irLB3Ne8x1h">https://drive.google.com/open?id=1xNMAJnXjrk8PAzCp0EE6irLB3Ne8x1h</a>	
8/8/2023 15:38:34	2/28/2023	mengetahui sistem perebi	<a href="https://drive.google.com/c">https://drive.google.com/c</a>	<a href="https://drive.google.com/open?id=1wZRq2TlWdvyXEm9tvyG2wL_qQ6wmOD5">https://drive.google.com/open?id=1wZRq2TlWdvyXEm9tvyG2wL_qQ6wmOD5</a>	
8/8/2023 15:40:00	3/1/2023	mengetahui kadar moisture CPO		<a href="https://drive.google.com/open?id=1ZsD4FrpGpV2iWBiGyT47cbdxg7vQRS">https://drive.google.com/open?id=1ZsD4FrpGpV2iWBiGyT47cbdxg7vQRS</a>	
8/8/2023 15:43:58	3/2/2023	mengetahui parameter alat beserta kapasitas nya		<a href="https://drive.google.com/open?id=1T4b47Y7o9Lef5YwZs7OzE7uyqkSjCuP">https://drive.google.com/open?id=1T4b47Y7o9Lef5YwZs7OzE7uyqkSjCuP</a>	
8/8/2023 15:45:17	3/3/2023	analisa moisture CPO dan perbandingannya		<a href="https://drive.google.com/open?id=1IExulmHvkpubITpI2MiciABE95x-E8zP">https://drive.google.com/open?id=1IExulmHvkpubITpI2MiciABE95x-E8zP</a>	
8/8/2023 15:51:32	3/4/2023	analisa losses LTDS 1 dan 2 dan claybath		<a href="https://drive.google.com/open?id=137UCG2-cmDGO_80Enyvx1J4Lnzy-7OOG">https://drive.google.com/open?id=137UCG2-cmDGO_80Enyvx1J4Lnzy-7OOG</a>	
8/8/2023 16:14:44	3/6/2023	Analisa kernel di laboratorium		<a href="https://drive.google.com/open?id=1aRjJPS4pNTYaFfGRqg6xP4KvGXcudsUU">https://drive.google.com/open?id=1aRjJPS4pNTYaFfGRqg6xP4KvGXcudsUU</a>	
8/8/2023 16:16:42	3/7/2023	analisa losses LTDS Claybath dan efisiensi Riple Mi		<a href="https://drive.google.com/open?id=1tz-BqFmJ4NUj0seP43znomskhzELvly4">https://drive.google.com/open?id=1tz-BqFmJ4NUj0seP43znomskhzELvly4</a>	
8/8/2023 16:18:37	3/10/2023	mempelajari alur stasiun k	<a href="https://drive.google.com/c">https://drive.google.com/c</a>	<a href="https://drive.google.com/open?id=1R3qpGIQ35dp_yuYZgis632OrzJaEqi8R">https://drive.google.com/open?id=1R3qpGIQ35dp_yuYZgis632OrzJaEqi8R</a>	
8/8/2023 16:19:40	3/11/2023	melanjutkan analisa moisture dengan oven dan micr		<a href="https://drive.google.com/open?id=1PXd9kIRG7BqEJOTAWiLVxmIPbMDmECEL">https://drive.google.com/open?id=1PXd9kIRG7BqEJOTAWiLVxmIPbMDmECEL</a>	
8/8/2023 16:20:43	3/11/2023	Lembar Penilaian Mingguan 1&2		<a href="https://drive.google.com/open?id=160vaqAbRxyccv0MB03xi8v1T0QNo8-Tj9">https://drive.google.com/open?id=160vaqAbRxyccv0MB03xi8v1T0QNo8-Tj9</a>	
8/8/2023 16:22:27	3/13/2023	analisa moisture kernel silo 1,2 dan 3		<a href="https://drive.google.com/open?id=1xjIprqCEC5v2QYn03VvW98q_HZ_7ppa0">https://drive.google.com/open?id=1xjIprqCEC5v2QYn03VvW98q_HZ_7ppa0</a>	
8/8/2023 16:29:03	3/18/2023	Mulai Material Balance		<a href="https://drive.google.com/file/d/10ZcoYlEUUIzCUJ8KfHhPg1bS4xFvnE5F-view?usp=drivesdk">https://drive.google.com/file/d/10ZcoYlEUUIzCUJ8KfHhPg1bS4xFvnE5F-view?usp=drivesdk</a>	
8/8/2023 20:57:01	3/20/2023	menghitung presentase material balance		<a href="https://drive.google.com/open?id=1BbXPlbvHPcoo7hinEHKldnjys9EKg_-J">https://drive.google.com/open?id=1BbXPlbvHPcoo7hinEHKldnjys9EKg_-J</a>	
8/8/2023 20:58:29	3/21/2023	Lanjutan menghitung presentase material balance		<a href="https://drive.google.com/open?id=1BEhY1PI8Tspcp71rFKyZbsLAGiCOzkwD">https://drive.google.com/open?id=1BEhY1PI8Tspcp71rFKyZbsLAGiCOzkwD</a>	
8/8/2023 21:00:06	3/25/2023	Lembar penilaian minggu 3&4		<a href="https://drive.google.com/open?id=1gWPsEs5wYQeIFuInRgft5HjwdlnbgYKI">https://drive.google.com/open?id=1gWPsEs5wYQeIFuInRgft5HjwdlnbgYKI</a>	
8/8/2023 21:01:17	3/27/2023	mempelajari alur TBM dari tippler hingga stasiun Pr		<a href="https://drive.google.com/open?id=1_72PnCyg5mCtaXPfyRagsSGSbXpwwZZ9">https://drive.google.com/open?id=1_72PnCyg5mCtaXPfyRagsSGSbXpwwZZ9</a>	
8/8/2023 21:06:06	3/29/2023	mencoba alat tippler		<a href="https://drive.google.com/file/d/1nbkr5dgdxAoRQelqJKHDYcctm-S-nkuid/view?usp=drivesdk">https://drive.google.com/file/d/1nbkr5dgdxAoRQelqJKHDYcctm-S-nkuid/view?usp=drivesdk</a>	
8/8/2023 21:08:01	3/30/2023	mengetahui kondisi operasi alat stasiun klarifikasi		<a href="https://drive.google.com/open?id=1eHkg_Tu18lxcq34PduPZe3tDEa6d2Ot4">https://drive.google.com/open?id=1eHkg_Tu18lxcq34PduPZe3tDEa6d2Ot4</a>	
8/8/2023 21:09:36	3/31/2023	ekstraksi fiber press, nut press, sludge centrifuge		<a href="https://drive.google.com/open?id=19eqWhVb_P5oIxBBme_pKmn2TlCo1j9dm">https://drive.google.com/open?id=19eqWhVb_P5oIxBBme_pKmn2TlCo1j9dm</a>	
8/8/2023 21:10:43	4/1/2023	melanjutkan ekstraksi		<a href="https://drive.google.com/open?id=1kf9tQNi0SsJncVaA4YsW0QYdTc6wV8GO">https://drive.google.com/open?id=1kf9tQNi0SsJncVaA4YsW0QYdTc6wV8GO</a>	
8/8/2023 21:12:27	4/10/2023	analisa FFA under digester,CST,COT		<a href="https://drive.google.com/open?id=14lIm436ECSJnu7t-MhZJkscdDdDZ5gWL">https://drive.google.com/open?id=14lIm436ECSJnu7t-MhZJkscdDdDZ5gWL</a>	
8/8/2023 21:13:48	4/15/2023	Analisa ekstraksi centrifuge, Fiber press		<a href="https://drive.google.com/open?id=100pgzUVGEm97vRB6FeD-yJDehbFhE9rK">https://drive.google.com/open?id=100pgzUVGEm97vRB6FeD-yJDehbFhE9rK</a>	
8/8/2023 21:15:10	4/15/2023	Lembar Penilaian minggu 5&6		<a href="https://drive.google.com/open?id=1OawlzsTFPI9-nmo7qaprAz991LAsR_kj">https://drive.google.com/open?id=1OawlzsTFPI9-nmo7qaprAz991LAsR_kj</a>	
8/8/2023 21:16:06	4/17/2023	Pelajari stasiun Klarifikasi		<a href="https://drive.google.com/open?id=1opJLIL6KxdUSU6HkO93qxK0Tn3L8PbU">https://drive.google.com/open?id=1opJLIL6KxdUSU6HkO93qxK0Tn3L8PbU</a>	
8/8/2023 21:17:04	4/18/2023	Lanjutan di klarifikasi		<a href="https://drive.google.com/open?id=1uPX_Ub4dZioFJSuJnJcIF75iaBP1hHw">https://drive.google.com/open?id=1uPX_Ub4dZioFJSuJnJcIF75iaBP1hHw</a>	
8/8/2023 21:17:57	4/19/2023	Lanjutan stasiun klarifikasi		<a href="https://drive.google.com/open?id=1FNLuQAdiFNOCat6Kj89KbM9sezEB4jI">https://drive.google.com/open?id=1FNLuQAdiFNOCat6Kj89KbM9sezEB4jI</a>	
8/8/2023 21:20:03	4/28/2023	Mempelajari stasiun persi	<a href="https://drive.google.com/open?id=1SyhkgYrJDPnf1oN8f5mWpQxiEz9AEA">https://drive.google.com/open?id=1SyhkgYrJDPnf1oN8f5mWpQxiEz9AEA</a>		
8/8/2023 21:22:08	4/29/2023	Lanjutan stasiun persiapan	<a href="https://drive.google.com/open?id=1Nwne9b0i7s1mZjgdlnKcylbuX2mI3By">https://drive.google.com/open?id=1Nwne9b0i7s1mZjgdlnKcylbuX2mI3By</a>		
8/8/2023 21:23:30	4/29/2023	Lembar Penilaian minggu 7&8		<a href="https://drive.google.com/open?id=1mzvd48RSw5F9pn2XL8o98z_IAQDgDYZf">https://drive.google.com/open?id=1mzvd48RSw5F9pn2XL8o98z_IAQDgDYZf</a>	
8/8/2023 21:26:31	5/3/2023	Mempelajari Water treatm	<a href="https://drive.google.com/open?id=11in6UuXWxZEqlmmrOW_0PKFzAFwEEYo5">https://drive.google.com/open?id=11in6UuXWxZEqlmmrOW_0PKFzAFwEEYo5</a>		
8/8/2023 21:27:47	5/6/2023	Lembar Penilaian Minggu 7&8		<a href="https://drive.google.com/open?id=1PBpZscxAFKJ95NQqh4_BiqF2kXnB7CJ">https://drive.google.com/open?id=1PBpZscxAFKJ95NQqh4_BiqF2kXnB7CJ</a>	
8/8/2023 21:29:58	5/10/2023	Mempelajari unit pengolah	<a href="https://drive.google.com/open?id=10Sh0xRah_MXZY1jkHhbfak7Oeif5SPv">https://drive.google.com/open?id=10Sh0xRah_MXZY1jkHhbfak7Oeif5SPv</a>		
8/8/2023 21:30:49	5/13/2023	Lembar penilaian minggu 9&10		<a href="https://drive.google.com/open?id=1f7okNTFQSMq8_4yqDXog3s_NGilyC66V">https://drive.google.com/open?id=1f7okNTFQSMq8_4yqDXog3s_NGilyC66V</a>	
8/8/2023 21:33:12	5/20/2023	Surat selesai Magang		<a href="https://drive.google.com/open?id=16vPU2Mv2v8uReUaxkZOoTdcvFYDR9U">https://drive.google.com/open?id=16vPU2Mv2v8uReUaxkZOoTdcvFYDR9U</a>	

tanggal ujian:14-7-2023  
Pengesahan:14-7-2023